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PTO/SB/05 (2/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | |
|---|--|--|
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(h))</i> | Attorney Docket No. | 06192.0221.NPUS00 |
| | First Named Inventor or Application Identifier | Woo-Suk CHUNG |
| | Title | TFT LCD Device Having Multi-Layered Pixel Electrodes |
| | Express Mail Label No. | |

| | |
|---|---|
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i> | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
|---|---|

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
- ☒ Specification [Total Pages 15]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 5]
4. ☒ Oath or Declaration [Total Pages 3]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22930 or ☐ Correspondence address below
(Insert Customer No. or Attach bar code label here)

| | | | | | |
|-------------------|----------------------------------|-----------------------------------|--------------|----------|---------------|
| NAME | Michael J. Bell | | | | |
| | HOWREY SIMON ARNOLD & WHITE, LLP | | | | |
| | Box No. 34 | | | | |
| ADDRESS | 1299 Pennsylvania Avenue, N.W. | | | | |
| CITY | Washington | STATE | DC | ZIP CODE | 20004-2402 |
| COUNTRY | US | TELEPHONE | 202-783-0800 | FAX | 202-383-7195 |
| Name (Print/Type) | Michael J. Bell | Registration No. (Attorney/Agent) | 39,604 | | |
| Signature | | | | Date | July 25, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

July 25, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

jc978 U.S. PRO
09/911613
07/25/01

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **TFT LCD DEVICE HAVING MULTI-LAYERED
PIXEL ELECTRODES**
Inventors: **Woo-Suk CHUNG and Chang-Won HWANG**
Our Ref: **06192.0221.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**TFT LCD DEVICE HAVING MULTI-LAYERED PIXEL
ELECTRODES**

and naming as inventors: **Woo-Suk CHUNG
Chang-Won HWANG**

the application consisting of:

- a. A specification containing:
 - (i) **12** pages of description prior to the claims;
 - (ii) **2** pages of claims (**8** claims);
 - (iii) a **one** (1) page abstract;
- b. **5** sheets of drawings: (**Figures 1, 2, 3, 4, 5, 6, 7 and 8**);
4. Executed Combined Declaration-Power Attorney;
5. Executed Assignment and PTO 1595 Assignment Recordation Sheet

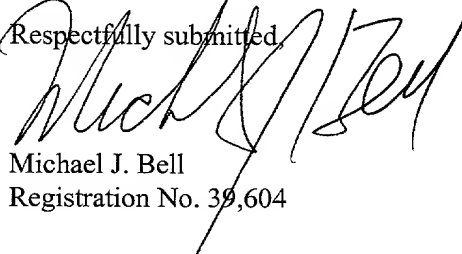
5. Claim for Priority and certified copy of Korean Patent No. 2001-6820 filed February 12, 2001;
6. Check No. 357264 in the amount of \$710.00 and Check No. 357265 in the amount of \$40.00 to cover the following Fees

| | |
|----------|--|
| \$710.00 | Basic Application Filing and Extra claims Fees |
| \$ 40.00 | Assignment Recordation Fee |
7. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0221.NPUS00. *A copy of this letter is enclosed.*

Respectfully submitted,


Michael J. Bell
Registration No. 39,604

Enclosures

HOWREY SIMON ARNOLD & WHITE, LLP
Box No. 34
1299 Pennsylvania Avenue, NW
Washington, DC 20004-2402
(202) 783-0800

Attorney Docket No. 06192.0221.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Woo-Suk GHUNG and Chang-Won HWANG**For: **TFT LCD DEVICE HAVING MULTI-LAYERED PIXEL ELECTRODES**

Enclosed is a new application comprising:

- ☒ A specification containing: **12** pages of description prior to the claims; **2** pages of claims (**8** claims); a **one** (1) page abstract; **5** sheets of drawings (**Figures 1, 2, 3, 4, 5, 6, 7 and 8**)
- ☒ PTO SB/05

The filing fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) |
|---|-----------|-----------|
| FOR | NO. FILED | NO. EXTRA |
| BASIC FEE | | |
| TOTAL CLAIMS | 8-20 = | * 0 |
| INDEP. CLAIMS | 1-3 = | * 0 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED | | |

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

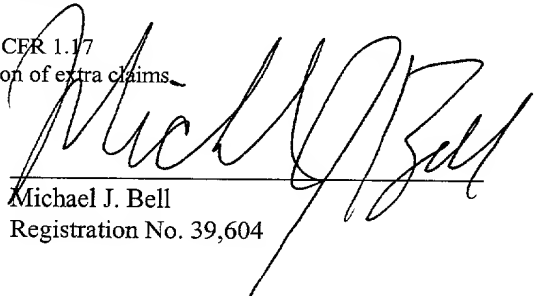
| SMALL ENTITY | |
|--------------|-----------|
| RATE | |
| | \$ 345.00 |
| x 9 = | |
| x 39 = | |
| + 130 = | |
| TOTAL | |

| OTHER THAN A SMALL ENTITY | |
|---------------------------|-----------------|
| RATE | FEE |
| | \$ 710.00 |
| x 18 = | 0 |
| x 80 = | 0 |
| + 270 = | |
| TOTAL | \$710.00 |

- ☒ A check in the amount of **\$710.00** to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0221.NPUS00. *A copy of this sheet is enclosed.*

- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date July 25, 2001


 Michael J. Bell
 Registration No. 39,604